

ABSTRACT OF THE INVENTION

5 A servo circuit includes a servo channel and a processor. The servo channel recovers servo data from servo wedges that identify respective data sectors on a data-storage disk. The processor detects one of the servo wedges on spin up of the disk, *i.e.*, while the disk is attaining or after the disk attains an operating speed. By detecting a servo wedge instead of a spin-up wedge to determine an initial head position on disk spin up, such a servo circuit allows one to increase the disk's storage capacity by reducing the number of, or altogether eliminating, spin-up servo wedges from the disk.

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